

05 October 2018

**Industrial Production Indices (IPI). Base 2015**

August 2018. *Provisional data*

**The monthly variation of the Industrial Production Index stands at 0.7%, after adjusting for seasonal and calendar effects**

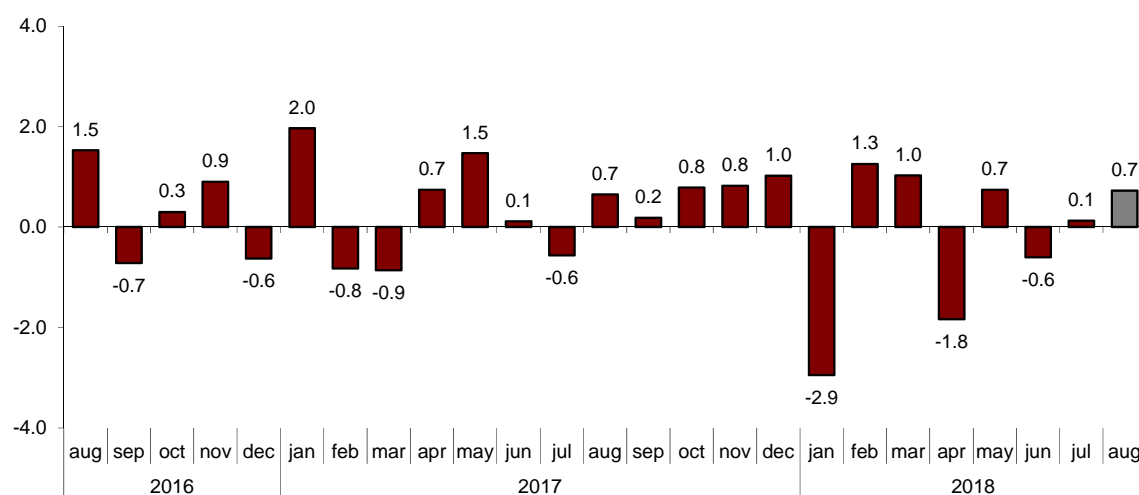
**The annual rate of the Industrial Production Index stands at 1.2%, both in the series adjusted for seasonal and calendar effects and in the original series**

**Monthly evolution of industrial production**

After adjusting for seasonal and calendar effects, the monthly variation of the Industrial Production Index (IPI) between August and July stood at 0.7%. This rate was 0.6 points higher than that observed in July.

**Industrial Production Index**

Adjusted for seasonal and calendar effects. August 2016 - August 2018. Monthly rate

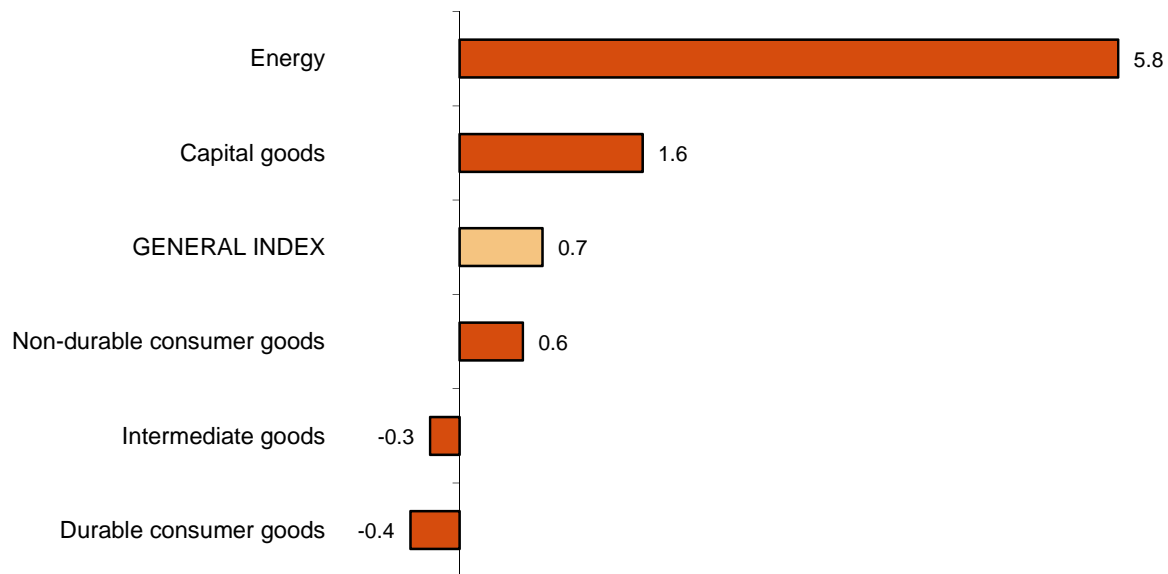


By sectors, *Energy* (5.8%), *Capital goods* (1.6%) and *Non-durable consumer goods* (0.6%) registered positive monthly rates.

On the other hand, *Durable consumer goods* (-0.4%) and *Intermediate goods* (-0.3%) recorded negative monthly rates.

**Industrial Production Indices: General and by economic destination**

Adjusted for seasonal and calendar effects. August 2018. Monthly rate



A more detailed analysis showed the branches of activity with the greatest and lowest monthly rates in the month of August.

**Activities with the highest annual rates of the Industrial Production Indices adjusted for seasonal and calendar effects**

Activity (Division from CNAE 2009)	Monthly rate (%)
Tobacco industry	50.3
Other mining and quarrying	9.1
Supply of electrical energy, gas, steam and air conditioning	7.0

**Activities with the lowest annual rates of the Industrial Production Indices adjusted for seasonal and calendar effects**

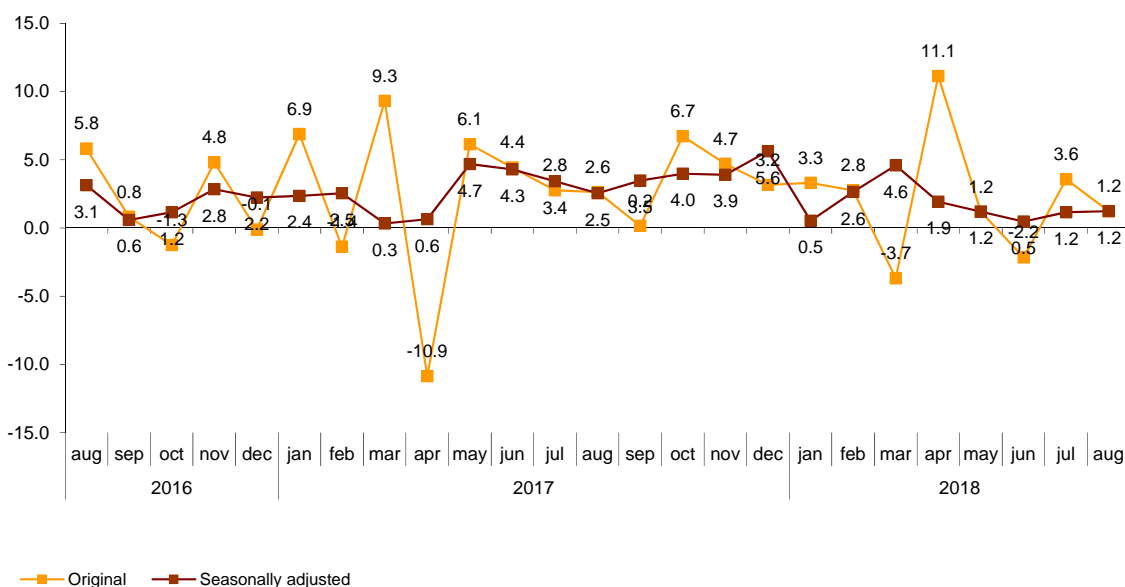
Activity (Division from CNAE 2009)	Monthly rate (%)
Manufacture of garments	-7.8
Manufacture of other transport equipment	-5.5
Other manufacturing industries	-4.8

## Annual evolution of industrial production

The Industrial Production Index adjusted for seasonal and calendar effects showed a variation of 1.2 in August as compared with the same month the previous year. This rate is the same as that registered in July.

The original series of the IPI experienced an annual variation of 1.2%. This rate is 2.4 point lower than that of July.

## General Industrial Production Index



August 2016 - August 2018. Annual rate

For the indices adjusted for seasonal and calendar effects, *Capital goods* (4.8%), *Energy* (1.7%) and *Intermediate goods* (0.9%) registered positive annual rates.

In turn, *Durable consumer goods* and *Non-durable consumer goods* (both with -0.8%) registered negative monthly rates.

## Annual rates of industrial production indices: General and by economic destination of the goods

	Original index Annual rate (%)	Seasonally adjusted index Annual rate (%)
General Index	1.2	1.2
Consumer goods	-1.2	-1.2
- Durable consumer goods	-1.2	-0.8
- Non-durable consumer goods	-1.2	-0.8
Capital goods	5.4	4.8
Intermediate goods	0.6	0.9
Energy	1.8	1.7

the goods

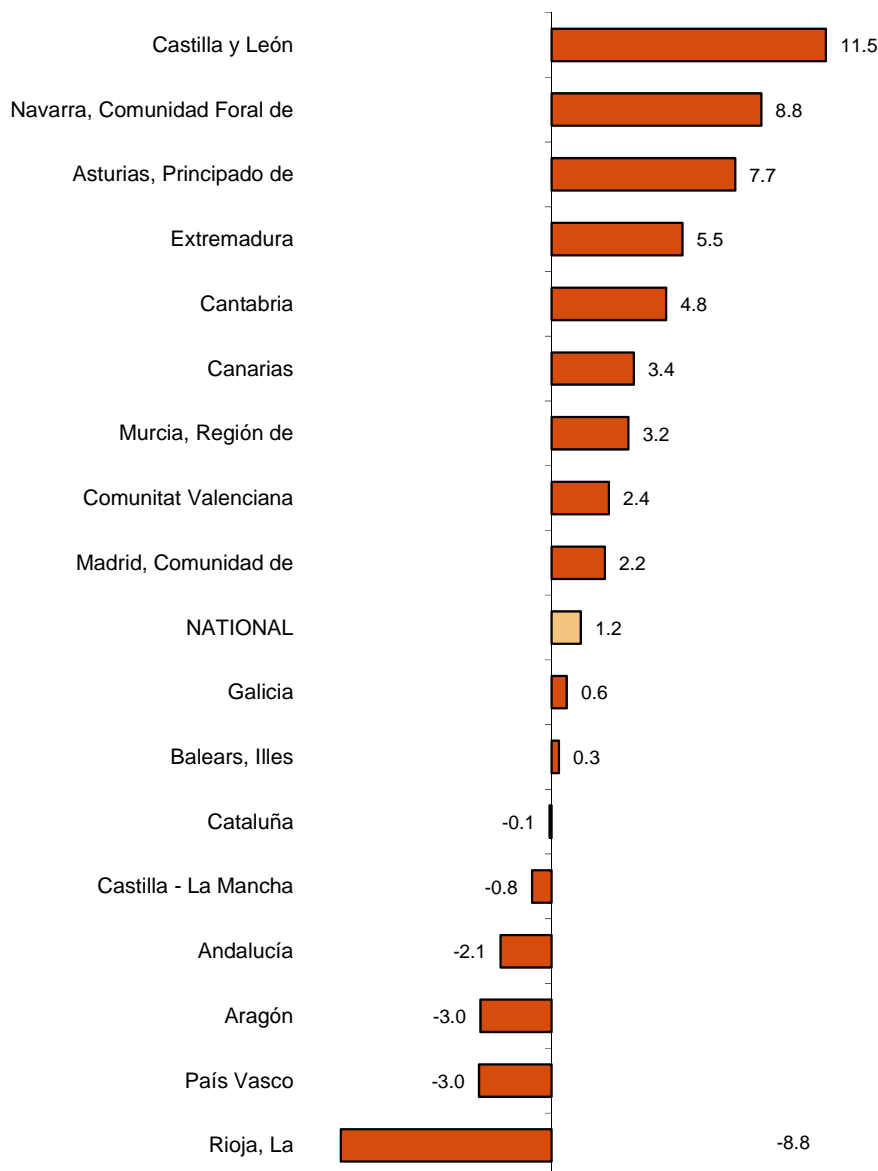
## Results by Autonomous Communities. Annual variation rates of industrial production. Original series

In August, the annual rate of industrial production was positive in 11 Autonomous Communities. Castilla y León (11.5%), Comunidad Foral de Navarra (8.8%) and Principado de Asturias (7.7%) registered the greatest increases.

In turn, the greatest decreases were registered in La Rioja (-8.8%), Aragón and País Vasco (both with -3.0%).

### General indices: national and by Autonomous Communities

August 2018. Annual rate



## Review and update of data

Coinciding with today's publication, the INE has updated the data of the IPI series corresponding to the last two months. In the case of the series adjusted for calendar effects and for seasonal and calendar effects, the series is revised from the beginning, following the INE standard. The results are available at INEBase.

## Methodological note

The **Industrial Production Index (IPI)** is a short-term indicator that measures the monthly evolution of the productive activity of the industrial branches, excluding construction, contained in the National Classification of Economic Activities 2009 (CNAE-2009). It therefore investigates the activities included in sections B, C, D and division 36: Water collection, treatment and supply, from section E of the CNAE-2009.

The IPI measures the joint evolution of quantity and quality, eliminating the influence of prices.

The characteristics of this statistics are:

- **Type of survey:** monthly continuous survey.
- **Base year:** 2015.
- **Population scope:** industrial establishments whose main activity is included in sections B, C, D and division 36 of the CNAE-2009.
- **Geographical scope:** the entire national territory.
- **Sample size:** 11,500 industrial establishments and more than 1,100 products.
- **Collection method:** completion of the questionnaire by the respondent using one of the following methods: internet (IRIA system), e-mail, fax, telephone or by postal mail.

The methodology of these statistics can be found on the INE website, in the following links:

Methodology

[https://www.ine.es/en/daco43toipi15\\_en.pdf](https://www.ine.es/en/daco43toipi15_en.pdf)

Standardised methodological report

<https://www.ine.es/dynt3/metadatos/en/RespuestaDatos.html?oe=30050>

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## Industrial Production Indices. Base 2015 August 2018

Provisional data

### 1. General index by economic destination of the goods. Adjusted for seasonal and calendar effects

	Index	Rate (%)		
		Monthly	Annual	Year-to-date average
General Index	106.5	0.7	1.2	1.7
Consumer goods	101.7	0.6	-1.2	-0.4
- Durable consumer goods	105.4	-0.4	-0.8	-1.3
- Non-durable consumer goods	101.5	0.6	-0.8	-0.3
Capital goods	115.5	1.6	4.8	4.2
Intermediate goods	109.6	-0.3	0.9	3.0
Energy	100.8	5.8	1.7	-0.2

### 2. General index by economic destination of the goods. Adjusted for calendar effects

	Index	Rate (%)	
		Annual	Year-to-date average
General Index	85.7	1.2	1.6
Consumer goods	88.6	-1.2	-0.4
- Durable consumer goods	70.1	-1.2	-1.6
- Non-durable consumer goods	90.1	-1.3	-0.5
Capital goods	68.7	5.4	3.9
Intermediate goods	82.7	0.6	3.0
Energy	104.1	1.8	-0.4

### 3. General index by economic destination of the goods. Original indices

	Index	Rate (%)		Repercussion
		Annual	Year-to-date average	Annual
General Index	86.9	1.2	2.0	
Consumer goods	90.3	-1.2	0.0	-0.344
- Durable consumer goods	71.6	-1.2	-1.1	-0.020
- Non-durable consumer goods	91.8	-1.2	0.1	-0.324
Capital goods	69.9	5.4	4.3	0.932
Intermediate goods	83.9	0.6	3.4	0.184
Energy	104.6	1.8	-0.2	0.458

#### 4. General index by branch of activity (CNAE 2009)

	Index	Rate (%)		Repercussion Annual
		Annual	Year-to-date average	
General Index	86.9	1.2	2.0	
B. Mining and quarrying industries	86.6	-9.7	1.1	-0.076
Extraction of anthracite, coal and lignite	..	..	..	..
National crude petroleum and natural gas	..	..	..	..
Extraction of metallic ores	..	..	..	..
Other mining and quarrying	90.5	0.2	1.6	0.001
C. Manufacturing industry	83.0	1.2	2.6	0.907
Food Industry	103.0	-0.4	0.5	-0.055
Manufacture of beverages.	103.4	-0.3	-2.7	-0.010
Tobacco industry.	..	..	..	..
Textile industry	51.2	-1.0	0.9	-0.007
Manufacture of garments	115.0	-14.2	-3.4	-0.204
Leather and footwear industry	64.1	-2.6	-0.9	-0.019
Manufacture of wood and of products of wood and cork, except furniture; basketmaking and wickerwork	65.6	1.1	7.9	0.010
Manufacture of paper and paper-products	91.7	-0.1	0.5	-0.002
Graphic arts and reproduction of recorded media	83.7	0.1	-1.3	0.002
Manufacture of coke and refined petroleum products	117.1	2.0	2.4	0.065
Chemical Industry	95.7	0.5	2.6	0.036
Manufacture of pharmaceutical products	63.4	-2.8	1.7	-0.077
Rubber and plastic material transformation industry	83.3	0.4	2.6	0.019
Manufacture of other non-metallic ore products	82.3	-3.6	1.6	-0.131
Metallurgy; manufacture of iron, steel and ferro-alloy products	78.5	1.7	2.7	0.052
Manufacture of metal products, except machinery and equipment	78.3	2.3	3.7	0.164
Manufacture of computers, electronic and optical products	69.2	-2.5	7.0	-0.021
Manufacture of electrical material and equipment	78.5	5.0	5.9	0.122
Manufacture of machinery and equipment n.e.c.	83.2	1.8	6.2	0.078
Manufacture of motor vehicles, trailers and semi-trailers	49.7	6.6	2.7	0.293
Manufacture of other transport equipment	63.3	9.2	4.1	0.171
Manufacture of furniture.	74.1	2.8	1.3	0.030
Other manufacturing industries	63.9	-1.2	4.5	-0.010
Repair and installation of machinery and equipment	108.6	11.2	7.9	0.348
D. Supply of electrical energy, gas, steam and air conditioning	98.4	2.0	0.4	0.366
E. Water supply, activities, waste management and decontamination*	131.5	0.8	-5.4	0.033

\* It only includes Water collection, treatment and supply

(..) Data not available due to statistical secrecy.

**5. General Industrial Production Indices:  
national and by Autonomous Community**

	Index	Rate (%)	
		Annual	Year-to-date average
National	86.9	1.2	2.0
Andalucía	94.6	-2.1	-1.2
Aragón	80.7	-3.0	1.5
Asturias, Principado de	99.6	7.7	2.8
Balears, Illes	109.0	0.3	-3.5
Canarias	100.2	3.4	2.3
Cantabria	103.7	4.8	8.7
Castilla y León	78.6	11.5	3.9
Castilla-La Mancha	89.9	-0.8	0.1
Cataluña	83.4	-0.1	3.2
Comunitat Valenciana	85.1	2.4	0.3
Extremadura	132.0	5.5	4.7
Galicia	95.1	0.6	6.6
Madrid, Comunidad de	86.9	2.2	0.2
Murcia, Región de	103.8	3.2	2.5
Navarra, Comunidad Foral de	89.3	8.8	2.0
País Vasco	72.7	-3.0	2.3
Rioja, La	67.0	-8.8	-1.9

**More detailed information by Autonomous Community may be obtained at:**

Andalucía	<a href="http://www.juntadeandalucia.es/institutodeestadisticaycartografia">www.juntadeandalucia.es/institutodeestadisticaycartografia</a>
Aragón	<a href="http://www.aragon.es/iaest/ipi">www.aragon.es/iaest/ipi</a>
Principado de Asturias	<a href="http://www.sadei.es">www.sadei.es</a>
Illes Balears	<a href="http://www.ibestat.caib.es">www.ibestat.caib.es</a>
Canarias	<a href="http://www.gobiernodecanarias.org/istac">www.gobiernodecanarias.org/istac</a>
Cantabria	<a href="http://www.icane.es">www.icane.es</a>
Castilla y León	<a href="http://www.jcyl.es/estadistica">www.jcyl.es/estadistica</a>
Castilla - La Mancha	<a href="http://www.jccm.es/estadistica">www.jccm.es/estadistica</a>
Cataluña	<a href="http://www.idescat.cat">www.idescat.cat</a>
Comunitat Valenciana	<a href="http://www.ive.es">www.ive.es</a>
Extremadura	<a href="http://estadistica.juntaex.es">http://estadistica.juntaex.es</a>
Galicia	<a href="http://www.ige.xunta.es">www.ige.xunta.es</a>
Comunidad de Madrid	<a href="http://www.madrid.org/iestadis">www.madrid.org/iestadis</a>
Región de Murcia	<a href="http://econet.carm.es">http://econet.carm.es</a>
La Rioja	<a href="http://www.larioja.org">www.larioja.org</a>